

Title (en)

Reciprocating massaging structure with means for indicating failure of reversion

Title (de)

Hin- und herbewegender Massagemechanismus mit Mitteln zum Anzeigen fehlerhafter Richtungswechsel

Title (fr)

Dispositif de massage en mouvement va-et-viens avec moyens d'indication de manque de changement de direction

Publication

EP 1602349 A1 20051207 (EN)

Application

EP 04013036 A 20040602

Priority

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Abstract (en)

A massaging structure having a frame (1) with a threaded rod (2) and a reciprocating moving member (40) carrying a massaging roller (4). The threaded rod being driven by a motor (3), the change in rotating direction of which is controlled by a respective micro-switch (10,11) positioned on the upper and lower part of the frame and which micro-switches are activated by the moving reciprocating member (40). The threaded rod (2) is provided, in the vicinity of its ends, with non-threaded portions (20,21) each surrounded by a coil spring (22,23) each longitudinally confined by two spring supporters (220,221;230,231). In case of failure of any of the micro-switches, further rotation of the motor will result in a jumping motion of the moving member carrying the massaging roller, such that the user will immediately notice the malfunction. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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